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A wavelet transformation of the luminance channel is preformed. ... a) converting the color image to a luminance-chrominance color space; b) performing a ...

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cies of the single luminance channel to the two color difference channels. .... luma (black and white) and the chroma (color) information are combined ...

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Image Transforms: Introduction to the Fourier Transform, The Discrete Fourier ....

Laboratory: Experiments on Black and White and colour TV, Study of video ...

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The additional information required for full reproduction of color images is carried by the I and Q signals which are called the chrominance components. ...

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A colour {image} may be stored as three separate images, one for each of red, green, ....

with half as many {chrominance} pixels in each direction. ...

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## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

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de Queiroz, R.L.; Braun, K.M.;  
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L3	0	2 and wavelet	USPAT	OR	OFF	2007/10/24 12:40
L4	12	2 and transform\$6	USPAT	OR	OFF	2007/10/24 12:38
L5	3	4 and channel	USPAT	OR	OFF	2007/10/24 12:39
L6	0	5 and sub-band	USPAT	OR	OFF	2007/10/24 12:39
L7	0	5 and (sub adj band)	USPAT	OR	OFF	2007/10/24 12:39
L8	1	5 and band	USPAT	OR	OFF	2007/10/24 12:39
L9	11	1 and wavelet	USPAT	OR	OFF	2007/10/24 12:40
L10	2	9 and Cb and cr and Y	USPAT	OR	OFF	2007/10/24 12:41
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L19	1	18 and cb and cr and Y	EPO; JPO	OR	OFF	2007/10/24 12:59
L20	1	19 and wavelet	EPO; JPO	OR	OFF	2007/10/24 12:59
L21	1	20 and transform\$6	EPO; JPO	OR	OFF	2007/10/24 12:59
L22	589	conver\$6 with color with monochrome	US-PGPUB	OR	OFF	2007/10/24 13:01
L23	12	22 and wavelet	US-PGPUB	OR	OFF	2007/10/24 13:01
L24	2	23 and cb and cr and y	US-PGPUB	OR	OFF	2007/10/24 13:01

	U	1	Document ID	Issue Date	Pages
1			US 6865291 B1	20050308	26
2			US 6125201 A	20000926	29

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1	Method apparatus and system for compressing data that wavelet decomposes by color plane and then divides by magnitude range non-dc terms between a scalar quantizer and a vector quantizer	382/166	348/398.1; 348/406.1; 348/422.1; 375/E7.049; 375/E7.053; 375/E7.072; 375/E7.073; 375/E7.088; 375/E7.209; 382/235; 382/240; 382/253
2	Method, apparatus and system for compressing data	382/166	375/E7.048; 375/E7.051; 375/E7.166; 375/E7.209; 382/248

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